

DTL Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP15331
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized peptide derived from part region of human protein
Mol wt	N/A
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Denticleless protein homolog
Synonyms	Denticleless protein homolog ;DDB1- and CUL4-associated factor 2;Lethal;2 denticleless protein homolog;Retinoic acid-regulated nuclear matrix-associated protein

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

developmental stage:Expressed in all fetal tissues examined, included brain, lung, liver, and kidney.,Required for CDT1 proteolysis in response to DNA damage through the CUL4-DDB1 E3 ubiquitin-protein ligase. Seems to be necessary to ensure proper cell cycle regulation of DNA replication. May function as a substrate receptor for CUL4-DDB1 E3 ubiquitin-protein ligase complex. May play a role in cell proliferation of NT2 embryonal carcinoma cells.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,Belongs to the WD repeat cdt2 family.,Contains 7 WD repeats.,subcellular location:Nuclear matrix-associated protein. Translocates from the interphase nucleus to the metaphase cytoplasm during mitosis.,subunit:Probable part of a cullin-RING E3 protein ligase complex containing CUL4B-DDB1 and a substrate-recruiting component (DCAF). Interacts with CUL4B and DDB1.,tissue specificity:Expressed in placenta and testis, very low expression seen in skeletal muscle. Detected in all hematopoietic tissues examined, with highest expression in thymus and bone marrow. A low level detected in the spleen and lymph node, and barely detectable level in the peripheral leukocytes. RA treatment down-regulated the expression in NT2 cell.,

Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year